

ENGINEERING/OPERATIONS COMMITTEE MEETING RECAP

May 13, 2010

COMMITTEE MEMBERS PRESENT

Ed Mandich, Committee Chair
Matt Disston, Committee Member

STAFF PRESENT

Don Chadd, General Manager
Hector Ruiz, District Engineer
Teresa Teichman, District Secretary
Kris Hanberg, Wastewater Supervisor
Bob Beck, Maintenance Supervisor
Michael Perea, Special Projects Manager

PUBLIC PRESENT

No members of the public were present.

CALL THE MEETING TO ORDER

Committee Chair Mandich called the Engineering/Operational Committee Meeting to order at 7:05 a.m.

PUBLIC PARTICIPATION

Public comments were announced. There were no oral or written comments.

ORAL COMMUNICATION

There were no comments.

COMMITTEE MEMBER COMMENTS

Director Mandich commented on the success of the May 1, 2010 Open House.

REPORT FROM THE GENERAL MANAGER

General Manager Don Chadd briefly discussed the proposed upcoming small group meeting of General Managers and Elected Officials to discuss MWDOC issues.

PROJECT MANAGEMENT

ITEM NO. 1A) STATUS UPDATE RELATING TO THE BAKER REGIONAL
WATER TREATMENT FACILITY

Mr. Hector Ruiz, District Engineer, stated the Baker Committee has reviewed the Preliminary design and that IRWD has issued the Notice To Proceed with the final design. IRWD conducted bidding of the membrane equipment for the purpose of pre-selecting a manufacturer to perform the final design. Pall membranes submitted the winning bid and the only bid at a cost below the Engineer's estimate.

Mr. Ruiz stated he has met with IRWD and RBF, the design consultant, to discuss the details of a new pump station design that will provide TCWD with 6 cfs of untreated MET water from the Baker Pipeline.

Mr. Ruiz reviewed the revised project schedule and budgetary costs with the Committee.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1B) STATUS UPDATE RELATING TO ROSE CANYON AND LANG
WELLS GROUNDWATER TREATMENT FACILITY

Mr. Ruiz stated the construction at the site is proceeding smoothly and that there have been no change orders to date. Mr. Ruiz updated the Committee as to the progress and status of the phases of construction occurring at the site along with a three month look ahead.

Mr. Ruiz advised he is continuing to receive submittals from the contractor and will soon be submitting claims to the State for reimbursement of costs.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1C) STATUS UPDATE RELATING TO WATER MONITORING AND
WATER CONSERVATION EFFORTS

Mr. Don Chadd, General Manager, discussed the water allocation tables provided by the Municipal Water District of Orange County (MWDOC).

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Mr. Chadd discussed the upcoming repairs of the AMP line which will necessitate a MET shutdown for eight days in early June.

The Engineering and Operational Committee received the status update. No action taken.

ITEM NO. 1D) STATUS UPDATES REGARDING ON-GOING ENGINEERING PROJECTS

1. Golf Club Lift Station Upgrades/Rehabilitation

Mr. Ruiz has received new proposals and is continuing to work with maintenance staff to evaluate replacement of the dry pit pumps and the rehabilitation of the surge tank.

2. Water Systems Inter-Tie Reliability Study

Mr. Ruiz provided a map which shows the location of the inter-tie locations, pressure zones, and the location of pressure reducing stations.

3. Shadow Rock Detention Basin Project

Mr. Ruiz reported that he has communicated with Southern California Edison (SCE) regarding the proposed easement and he is waiting to hear back.

4. T-mobile Trabuco Highlands Reservoir Antenna Installation

Mr. Ruiz advised he has met with the T-Mobile construction manager and the ATS liaison and they will be starting work next week. The duration of the project is anticipated to be four to five weeks.

5. Brookseed/Dove Water Main Inter-Tie/Fire Line

Mr. Ruiz advised there is no new information to report.

6. El Toro Road Sewer Lift Station

Mr. Ruiz stated he is working with TCWD's Maintenance Supervisor to evaluate quotes along with consideration of replacing the pumps versus replacing certain parts. This equipment is nearing the end of its service life and replacement parts are becoming more difficult to procure.

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7. Dove Lake Evaluation

Mr. Ruiz advised he is working on a scope of work for evaluation of the lake's potential for odor generation and its controls. This information will be presented at the next Committee Meeting and may be considered for the 2010/2011 fiscal year budget.

8. Trabuco Canyon Water District Server Evaluation

Mr. Michael Perea, Special Projects Manager provided information on TCWD's Network Infrastructure Master Plan and highlighted two projects for consideration in the 2010/2011 fiscal year budget.

9. Other Projects

There were no other projects discussed.

The Engineering/Operational Committee received the status updates. No action taken.

ITEM 1E) STATUS UPDATES REGARDING ACTIVE DEVELOPMENTS

1. Orange County Fire Authority Sewer System Project

Mr. Ruiz advised the contract has been issued by the OCFA and a pre-construction kick-off meeting has been conducted. At this time, the project is on hold while sewer and/or water lines are being considered for relocation. It is anticipated construction should resume later in the week.

2. Oaks at Trabuco

There is no new activity to report.

3. Rancho Las Lomas

There is no new activity to report.

4. Other Active Developments

No other developments were discussed.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1F) WATER SYSTEM STATUS UPDATE

Mr. Ruiz provided the April 2010 update.

Source Water Production

1. The water treatment plant production totaled 91 acre feet.
2. The Rose Canyon Well produced 58 acre feet and the Lang Well produced 22 acre feet.
3. The average daily demand was 5.3 acre feet, or 2.7 cfs.

Projects and Repairs

1. Water Department Personnel continued flushing of 43 hydrants in the Trabuco Reservoir Zone.
2. Water Department Personnel flushed dead end blow-offs in the Dove Canyon Community.

Mr. Ruiz noted the Lang Well had reduced production for the month of April due to a temporary shut down necessary to repair an instrument. Both wells are currently in full operation.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1G) WASTEWATER SYSTEM STATUS UPDATE

Mr. Kris Hanberg, Wastewater Supervisor, provided the April 2010 status update.

Robinson Ranch Wastewater Treatment Plant

1. The reclaimed water production totaled 58 acre feet.
2. The recycled water demand was 37 acre feet.
3. Dove Lake had 0.9 feet of freeboard.
4. The reclaimed water reservoir had 2.0 feet of freeboard.
5. The District pumped a total of 27 acre feet from Dove Lake.
6. The Dry Season Water Recovery Project produced 7 acre feet.

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Projects

1. District Personnel performed a Dam Inspection at the Robinson Ranch Reclaimed Dam.
2. District Personnel installed eye wash stations at the sewer lift stations where chlorine dosing occurs.

Mr. Hanberg reviewed the Sewer System Management Plan (SSMP) Report for April.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1H) April 2010 OPERATIONAL REPORT REVIEW

There were no anomalies to report.

The Engineering/Operational Committee received and filed the report. No action taken.

ITEM NO. 1I) ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP

No changes were made to the Engineering/Operational recap.

The Engineering/Operational Committee recommended that the Board receive and file the April 15, 2010 Engineering/Operational Committee Meeting Recap.(Consent Calendar.)

ITEM NO. 1J) OTHER MATTERS/REPORT

Mr. Chadd relayed he has spoken with Derek Wieske, Public Work's Director for the City of Rancho Santa Margarita and Mr. Wieske has advised the City may not be pursuing the Plano Median Reclaimed Conversion Project during the next fiscal year.

Recommended Action: Hear Other Matters/Reports that may have arisen after the posting of the agenda.

ADJOURNMENT

Committee Chair Mandich adjourned the May 13, 2010 Engineering/Operational Committee Meeting at 8:03 a.m.